Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
Data File : BG044249.D
Acq On : 30 Jan 2020 14:32
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
2/3/2020 7:55:12 AM

Quant Time: Jan 30 16:07:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 15:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	97590	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	370827	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	247117	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	545802	20.00	ng		0.00
76) Chrysene-d12	21.55	240	486687	20.00	ng		0.00
87) Perylene-d12	24.64	264	571937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	952598	167.74	ng		0.00
7) Phenol-d6	7.09	99	1278718	165.82	ng		0.00
23) Nitrobenzene-d5	9.08	82	1214586	181.06	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	576765	192.08	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	2409820	160.84	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	222971	87.465	ng		99
3) Pyridine	3.78	79	556895	82.442	ng		99
4) n-Nitrosodimethylamine	3.69	42	251134	87.145	ng		99
6) Aniline	7.24	93	812945	84.234	ng		97
8) 2-Chlorophenol	7.48	128	528868	82.771	ng		99
10) Phenol	7.12	94	645155	82.419	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	547230	82.518	ng		97
12) 1,3-Dichlorobenzene	7.81	146	628215	83.215	ng		98
13) 1,4-Dichlorobenzene	7.95	146	626523	83.957	ng		99
14) 1,2-Dichlorobenzene	8.27	146	584359	82.012	ng		98
15) Benzyl Alcohol	8.15	79	477738	84.319	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	755658	83.704	ng		99
17) 2-Methylphenol	8.37	107	467670	83.842	ng		98
18) Hexachloroethane	9.00	117	240131	85.076	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	434023	81.520	ng		99
20) 3+4-Methylphenols	8.70	107	643054	83.041	ng		97
22) Acetophenone	8.74	105	825315	88.130	ng	#	98
24) Nitrobenzene	9.12	77	600617	89.359	ng		99
25) Isophorone	9.65	82	1167232	89.806	ng		99
26) 2-Nitrophenol	9.83	139	332034	93.724	ng		98
27) 2,4-Dimethylphenol	9.90	122	451475	91.539	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	762056	88.488	ng		97
29) 2,4-Dichlorophenol	10.37	162	549497	91.798	ng		97
30) 1,2,4-Trichlorobenzene	10.58	180	613195	90.126	ng		100
31) Naphthalene	10.77	128	1625631	87.044	ng		97
32) Benzoic acid	10.11	122	387990	129.793	ng		95
33) 4-Chloroaniline	10.88	127	790907	90.806	ng		98
34) Hexachlorobutadiene	11.06	225	375929	90.087	ng		99
35) Caprolactam	11.67	113	217417m	97.820	ng		
36) 4-Chloro-3-methylphenol	12.01	107	584868	92.485	ng		99
37) 2-Methylnaphthalene	12.38	142	1225789	87.667	ng		99
38) 1-Methylnaphthalene	12.60	142	1160361	87.184	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	677042	88.184	ng		99
41) Hexachlorocyclopentadiene	12.74	237	360192	95.462	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.99	196	466806	93.620	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	482827	94.868	ng		99
46) 1,1'-Biphenyl	13.39	154	1558520	84.320	ng		95
47) 2-Chloronaphthalene	13.43	162	1264923	84.997	ng		96
48) 2-Nitroaniline	13.63	65	412513	92.384	ng		100
49) Acenaphthylene	14.28	152	1829455	84.055	ng		93
50) Dimethylphthalate	14.02	163	1588414	85.399	ng		96
51) 2,6-Dinitrotoluene	14.13	165	381076	91.053	ng		96
52) Acenaphthene	14.62	154	1225172	86.947	ng		98
53) 3-Nitroaniline	14.46	138	431270	92.740	ng		99
54) 2,4-Dinitrophenol	14.66	184	241188	113.628	ng		99
55) Dibenzofuran	14.96	168	1769825	83.408	ng		94
56) 4-Nitrophenol	14.78	139	343731	100.136	ng		100
57) 2,4-Dinitrotoluene	14.92	165	546085	93.187	ng		98
58) Fluorene	15.60	166	1418945	84.571	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	437404	98.111	ng		99
60) Diethylphthalate	15.38	149	1603102	86.154	ng		95
61) 4-Chlorophenyl-phenylether	15.60	204	798867	87.577	ng		96
62) 4-Nitroaniline	15.63	138	436467	93.945	ng		99
63) Azobenzene	15.89	77	1407909	86.713	ng		95
65) 4,6-Dinitro-2-methylphenol	15.69	198	318992	97.933	ng		96
66) n-Nitrosodiphenylamine	15.82	169	1354771	84.531	ng		97
67) 4-Bromophenyl-phenylether	16.49	248	552486	88.626	ng		97
68) Hexachlorobenzene	16.61	284	615778	88.166	ng		97
69) Atrazine	16.77	200	439692	119.417	ng		99
70) Pentachlorophenol	16.96	266	337057	110.658	ng		98
71) Phenanthrene	17.34	178	2237516	81.907	ng		93
72) Anthracene	17.44	178	2205813	81.717	ng	#	92
73) Carbazole	17.70	167	2091766	83.332	ng		92
74) Di-n-butylphthalate	18.27	149	2466962	79.443	ng	#	92
75) Fluoranthene	19.35	202	2548212	80.640	ng		89
77) Benzidine	19.53	184	1173541	104.759	ng	#	93
78) Pyrene	19.72	202	2541043	78.763	ng	#	88
80) Butylbenzylphthalate	20.60	149	1283780	85.716	ng		94
81) Benzo(a)anthracene	21.53	228	2577213	82.173	ng	#	90
82) 3,3'-Dichlorobenzidine	21.45	252	1042757	86.547	ng		97
83) Chrysene	21.60	228	2465377m	81.866	ng		
84) Bis(2-ethylhexyl)phthalate	21.45	149	1668937	81.170	ng		92
85) Di-n-octyl phthalate	22.62	149	2918135	82.062	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.18	276	3672252	91.997	ng	#	94
88) Benzo(b)fluoranthene	23.67	252	2967672	85.620	ng		94
89) Benzo(k)fluoranthene	23.74	252	2766350	83.337	ng		94
90) Benzo(a)pyrene	24.51	252	2818189	86.487	ng		94
91) Dibenzo(a,h)anthracene	28.24	278	2888153	88.853	ng		96
92) Benzo(g,h,i)perylene	29.28	276	2921349	89.755	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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